



# MOBILE MANUFACTURING UNIT

FAST, ACCURATE, RELIABLE LOADING

Equipment productivity is a key driver in efficient blasting. Orica has the world’s largest fleet of bulk explosive mobile processing units.

Orica Mobile Manufacturing Units (MMU™) lead the way in productive loading. These units feature microprocessor systems that control the process of manufacturing and metering of bulk explosives on-bench.

There is a range of different sizes and configurations dependent upon mining methods and bulk supply models.

**KEY BENEFITS**

- A range of delivery rates and payloads to suit market segment and application. These range from high delivery rates, for large scale mining to low, accurate delivery rates for quarrying operations
- Vistis™ and Vistan™ capability available on selected models
- Delivery systems can be selected to enable the delivery of Orica’s full range of bulk products.



**APPLICATION GUIDE**

Excavation Method	Mine Description	Features by Priority	Low Cost Model	High Efficiency Model	Differentiated Services Model
Dragline	Large scale mines	High delivery rates, triple product, off-road payload	Amerind A900121	Amerind A900121 Tread 4216	Tread 4216 (VIST)
Large scale truck/ >300 t hydraulic shovel or backhoe or rope shovel	Large scale mines	Off-road payload, triple product, low to high delivery rate	Amerind A900121	Tread 4216 Amerind SSE	Tread 4216 (VIST)
Truck/200–300 t shovel or backhoe	Medium scale mines	Off-road payload, triple product, low to high delivery rate	Amerind A900121	Amerind A900121 Amerind SSE Tread 4216	Tread 4216 (VIST)
Truck/<200 t shovel or backhoe or wheel loader	Small scale mines/ quarries	On and off-road payload, accuracy at low delivery rates	Amerind SSE	Amerind A900120	–
Truck/100 t shovel or backhoe or wheel loader	Remote small mines or mine development	Accuracy at low delivery rate, manoeuvrability	–	–	Tradestar SME

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## SPECIFICATIONS

MMU™ Type	Application	Features
Amerind A900121	Large scale mines	High delivery rates. Triple product capability. Off-road payload
Tread 4216	Medium/large scale mines	Low to high delivery rate. Triple product capability. Off-road payload
Amerind SSE	Medium/large scale mines	Low to high delivery rate. Triple product capability. Off-road payload
Amerind A900120	Small scale mines/quarries	Accurate low delivery rates. On and off-road payload
Tradestar SME	Remote small mines or mine development	Accurate low delivery rates. Manoeuvrability

MMU™ Type	Product Capacity			Delivery Rates			Options				
	ANFO	Fortan™	Fortis™	Augured	Pumped	Bin Type	Control System	DHR	THR	CWP	VIST
Amerind A900121	–	–	20,000 kg	1000 kg/min	500 kg/min	Fixed	Danfoss	–	–	✓	–
Tread 4216	16,330 kg	18,900 kg	20,150 kg	800 kg/min	350 kg/min	Convertible	Problast	✓	✓	✓	✓
Amerind SSE	–	–	13,000 kg	–	500 kg/min	Repump	Blend Master	–	–	✓	–
Amerind A900120	–	–	17,000 kg	750 kg/min	300 kg/min	Fixed	Danfoss	–	✓	✓	–
Tradestar SME	Emulsion only 17T capacity			–	425 kg/min	Site mixed emulsion	EC200	–	–	✓	–

DHR – 2" Diameter hose 80m long, HR – 2.5" hose 60m long, THR-Twin 1" Manual Hose Reel, CWP – Cold weather Pack, VIST – Has the ability to deliver Vistan™ and Vistis™ products.

For more information visit [orica.com](http://orica.com) or contact your local Orica representative.

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Canadian Region recommended surface delivery system standards.